

## EAST Search History

| Ref # | Hits | Search Query  | DBs                   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------------|------------------|---------|------------------|
| L1    | 13   | specify\$4 near5 current near2 (limit\$1 threshold\$1)                            | US-PGPUB              | OR               | OFF     | 2006/03/15 13:46 |
| L2    | 0    | specify\$4 near5 current near2 (limit\$1 threshold\$1) same throttl\$5            | US-PGPUB              | OR               | OFF     | 2006/03/15 13:46 |
| L3    | 56   | current near2 (limit\$1 threshold\$1) same throttl\$5                             | US-PGPUB              | OR               | OFF     | 2006/03/15 13:46 |
| L4    | 204  | current near2 (limit\$1 threshold\$1) same throttl\$5                             | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 13:46 |
| L5    | 2    | (specify\$4 defin\$4) near5 current near2 (limit\$1 threshold\$1) same throttl\$5 | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 13:47 |
| L6    | 99   | current near2 (exceed\$4) same throttl\$5   | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 13:48 |
| L7    | 18   | current near2 (exceed\$4) same throttl\$5 and g06f\$.ipc.                         | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 13:49 |
| L8    | 5    | current near2 (exceed\$4) same throttl\$5 same set and g06f\$.ipc.                | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 14:15 |
| L9    | 0    | current near2 (exceed\$4) same throttl\$5 same manually and g06f\$.ipc.           | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 14:15 |
| L10   | 0    | current near2 (exceed\$4) same throttl\$5 same manual\$2 and g06f\$.ipc.          | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 14:16 |
| L11   | 1    | current near2 (threshold) same throttl\$5 same manual\$2 and g06f\$.ipc.          | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 14:16 |
| L12   | 43   | current near2 (threshold\$1 limit\$1) same manual\$2 and g06f\$.ipc.              | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 14:20 |
| L13   | 1    | current near2 (threshold\$1 limit\$1) same manual\$2 and 713/3\$.cls.             | US-PGPUB ; USPAT; EPO | OR               | OFF     | 2006/03/15 14:17 |
| L14   | 0    | ("2005/0289308").URPN.  | USPAT                 | OR               | OFF     | 2006/03/15 14:18 |

## EAST Search History

|     |      |  |                             |    |     |                     |
|-----|------|--|-----------------------------|----|-----|---------------------|
| L15 | 85   | (current power voltage)<br>near2 (threshold\$1 limit\$1)<br>same manual\$2 and g06f\$.<br>ipc.     | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:20 |
| L16 | 8    | (current power voltage)<br>near2 (threshold\$1 limit\$1)<br>same manual\$2 and 713/3\$.<br>cccls.  | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:25 |
| L17 | 85   | (current power voltage)<br>near2 (threshold\$1 limit\$1)<br>same user\$1 and 713/3\$.<br>cccls.    | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:37 |
| L18 | 21   | (current power voltage)<br>near5 ((threshold\$1 limit\$1)<br>near3 user\$1) and 713/3\$.<br>cccls. | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:46 |
| L19 | 0    | over\$1current near5<br>((threshold\$1 limit\$1) near3<br>user\$1) and 713/3\$.cccls.              | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:38 |
| L20 | 0    | over\$1current same<br>((threshold\$1 limit\$1) near3<br>user\$1) and 713/3\$.cccls.               | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:38 |
| L21 | 1    | thrott\$5 with ((threshold\$1<br>limit\$1) near3 user\$1) and<br>713/3\$.cccls.                    | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:51 |
| L22 | 0    | thrott\$5 with ((threshold\$1<br>limit\$1) near3 manual\$4) and<br>713/3\$.cccls.                  | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>14:51 |
| L23 | 1    | thrott\$5 with ((threshold\$1<br>limit\$1) near3 enter\$4) and<br>713/3\$.cccls.                   | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>15:03 |
| L24 | 1    | thrott\$5 with<br>(over\$1current) and 713/3\$.<br>cccls.  | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>15:28 |
| L25 | 990  | klng.in.   | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>15:29 |
| L26 | 4    | klng.in. and 713/3\$.cccls.  | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/15<br>15:29 |
| S1  | 1257 | network and 713/3\$.cccls.   | USPAT;<br>EPO               | OR | OFF | 2006/03/09<br>10:10 |

## EAST Search History

|     |       |   |                       |    |     |                  |
|-----|-------|---|-----------------------|----|-----|------------------|
| S2  | 93    | network same (limit\$1 threshold\$1) and 713/3\$. ccls.   | USPAT; EPO            | OR | OFF | 2006/03/09 10:10 |
| S3  | 31    | network same (current power) near6 (limit\$1 threshold\$1) and 713/3\$. ccls.                                       | USPAT; EPO            | OR | OFF | 2006/03/09 11:17 |
| S7  | 13    | group same (current power) near6 (limit\$1 threshold\$1) and 713/3\$.ccls.  | USPAT; EPO            | OR | OFF | 2006/03/09 11:17 |
| S8  | 15    | (group cluster) same (current power) near6 (limit\$1 threshold\$1) and 713/3\$. ccls.                               | USPAT; EPO            | OR | OFF | 2006/03/09 14:22 |
| S9  | 58    | power adj budget with (network cluster)   | USPAT; EPO            | OR | OFF | 2006/03/09 14:25 |
| S10 | 1     | power adj budget with (network cluster) and 713/3\$.ccls.   | USPAT; EPO            | OR | OFF | 2006/03/09 14:25 |
| S11 | 2     | power adj budget with (network cluster) and 713/3\$.ccls.   | US-PGPUB ; USPAT; EPO | OR | OFF | 2006/03/09 14:25 |
| S12 | 0     | oprescu.in. and budget  | US-PGPUB ; USPAT; EPO | OR | OFF | 2006/03/09 14:25 |
| S13 | 3     | oprescu.in. and 713/3\$.ccls.   | US-PGPUB ; USPAT; EPO | OR | OFF | 2006/03/09 15:13 |
| S14 | 10    | ("4181950" "4347575" "5486726" "5504907" "5664202" "5996084" "6229432" "20020062454" "6400103" "20030004660"). did. | US-PGPUB ; USPAT; EPO | OR | OFF | 2006/03/14 10:15 |
| S15 | 81    | ("5483656"   "5752046"   "5842027").URPN.   | USPAT                 | OR | OFF | 2006/03/09 15:13 |
| S16 | 3     | S13 and network\$4  | US-PGPUB ; USPAT; EPO | OR | OFF | 2006/03/09 15:14 |
| S17 | 28410 | monitor\$4 near4 power  | USPAT; EPO            | OR | OFF | 2006/03/13 14:27 |
| S18 | 892   | monitor\$4 near4 power and 713/3\$.ccls.  | USPAT; EPO            | OR | OFF | 2006/03/13 14:27 |

## EAST Search History

|     |      |  |                             |    |     |                     |
|-----|------|--|-----------------------------|----|-----|---------------------|
| S19 | 279  | monitor\$4 near4 power same (threshold\$1 level\$4) and 713/3\$.ccls.                            | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>14:32 |
| S20 | 32   | monitor\$4 near4 power same (threshold\$1 level\$4) same adjust\$5 and 713/3\$.ccls.             | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>14:57 |
| S22 | 44   | (monitor\$4 detect\$5) near4 power same (threshold\$1 level\$4) same adjust\$5 and 713/3\$.ccls. | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>15:02 |
| S23 | 7402 | shar\$5 near4 power  | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>15:02 |
| S24 | 191  | shar\$5 near4 power same (trip break\$4)   | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>15:03 |
| S25 | 1    | shar\$5 near4 power same (trip break\$4) and 713/3\$.ccls.                                       | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>15:29 |
| S26 | 4    | shar\$5 near4 power same (detect) and 713/3\$.ccls.  | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>15:29 |
| S27 | 6    | shar\$5 near4 power same (detect\$6) and 713/3\$.ccls.   | USPAT;<br>EPO               | OR | OFF | 2006/03/13<br>15:29 |
| S28 | 6    | shar\$5 near4 power same (detect) and 713/3\$.ccls.  | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:31 |
| S29 | 98   | cluster\$1 with breaker\$1   | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:31 |
| S30 | 0    | cluster\$1 with breaker\$1 and 713/3\$.ccls.   | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:31 |
| S31 | 2    | cluster\$1 with breaker\$1 same shar\$6  | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:47 |
| S32 | 106  | (cluster\$1 distribut\$4 adj system\$4) with shar\$6 near5 power                                 | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:48 |
| S33 | 49   | (cluster\$1 distribut\$4 adj system\$4) with shar\$6 near5 power and g06f\$.ipc.                 | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:48 |
| S34 | 2    | (cluster\$1 distribut\$4 adj system\$4) with shar\$6 near5 power and 713/3\$.ccls.               | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/13<br>15:48 |

## EAST Search History

|     |     |  |                               |    |     |                     |
|-----|-----|--|-------------------------------|----|-----|---------------------|
| S35 | 598 | current near2 (threshold\$1 limit\$1) with user  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>10:16 |
| S36 | 726 | current near2 (threshold\$1 limit\$1) with (user manual\$4)  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>10:16 |
| S37 | 116 | current near2 (threshold\$1 limit\$1) with (user manual\$4) and g06f\$.ipc.  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>10:16 |
| S38 | 56  | current near2 (threshold\$1 limit\$1) near6 (user manual\$4) and g06f\$.ipc.   | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>10:16 |
| S39 | 3   | current near2 (threshold\$1 limit\$1) near6 (user manual\$4) and 713/3\$.cls.  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>14:14 |
| S40 | 9   | current near2 (level\$1 threshold\$1 limit\$1) near6 (user manual\$4) and 713/3\$.cls.   | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>14:14 |
| S41 | 54  | ("3602703"   "3800198"  <br>"4146923"   "4167786"  <br>"4253151"   "4312035"  <br>"4324987"   "4401894"  <br>"4514142"   "4564767"  <br>"4607330"   "4611289"  <br>"4677566"   "4809163"  <br>"4860185"   "5015826"  <br>"5151907"   "5157711"  <br>"5163124"   "5167024"  <br>"5191520"   "5251320"  <br>"5283905"   "5287525"  <br>"5293632"   "5300874"  <br>"5332927"   "5339445"  <br>"5341503"   "5355490"  <br>"5396635"   "5410713"  <br>"5423045"   "5450007"  <br>"5532525").PN. OR<br>("5842027").URPN. | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:17 |
| S42 | 31  | S41 and user\$1  | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:17 |
| S43 | 46  | S41 and current\$1   | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:17 |

## EAST Search History

|     |     |   |                               |    |     |                     |
|-----|-----|---|-------------------------------|----|-----|---------------------|
| S44 | 25  | S42 and S43   | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:38 |
| S45 | 254 | monitor\$4 near2 (power<br>voltage\$1 current) with<br>distributed  | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:39 |
| S46 | 16  | monitor\$4 near2 (power<br>voltage\$1 current) with<br>distributed and 713/3\$.ccls.                                      | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:42 |
| S47 | 7   | availabl\$4 near2 (power<br>voltage\$1 current) with<br>distributed and 713/3\$.ccls.                                     | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:43 |
| S48 | 40  | availabl\$4 near2 (power<br>voltage\$1 current) with<br>(network\$1 cluster\$1<br>distributed) and 713/3\$.ccls.          | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:44 |
| S49 | 0   | ("2005/0125507").URPN.  | USPAT                         | OR | OFF | 2006/03/14<br>14:43 |
| S50 | 43  | (availabl\$4 excess) near2<br>(power voltage\$1 current)<br>with (network\$1 cluster\$1<br>distributed) and 713/3\$.ccls. | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:45 |
| S51 | 1   | "5652893".pn.   | US-PGPUB<br>; USPAT;<br>USOCR | OR | OFF | 2006/03/14<br>14:45 |
| S52 | 1   | "5905357".pn.   | USPAT;<br>EPO                 | OR | OFF | 2006/03/14<br>15:00 |
| S53 | 0   | "10418083".ap.  | USPAT;<br>EPO                 | OR | OFF | 2006/03/14<br>15:00 |
| S54 | 3   | "418083".ap.  | USPAT;<br>EPO                 | OR | OFF | 2006/03/14<br>15:00 |
| S55 | 3   | "418083".ap.  | USPAT;<br>EPO                 | OR | OFF | 2006/03/14<br>15:00 |
| S56 | 4   | "418083".ap.  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>15:30 |
| S57 | 3   | 1303078-\$.did. ("6473608"<br>"6643566" "6115468").pn.  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>15:31 |
| S58 | 3   | wo-1303078-\$.did.<br>("6473608" "6643566"<br>"6115468").pn.  | US-PGPUB<br>; USPAT;<br>EPO   | OR | OFF | 2006/03/14<br>15:31 |

## EAST Search History

|     |   |   |                             |    |     |                     |
|-----|---|---|-----------------------------|----|-----|---------------------|
| S59 | 5 | "1303078".did. ("6473608"<br>"6643566" "6115468").pn. | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/14<br>15:33 |
| S60 | 4 | S59 and (power current<br>voltage\$1)                 | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/14<br>15:33 |
| S61 | 2 | S59 and (level\$1 threshold\$1<br>limit\$1)           | US-PGPUB<br>; USPAT;<br>EPO | OR | OFF | 2006/03/14<br>15:33 |
| S62 | 1 | (US-20040148060-\$).did.                              | US-PGPUB                    | OR | OFF | 2006/03/14<br>16:30 |
| S63 | 1 | (US-20040148060-\$).did. and<br>"21" with "22"        | US-PGPUB                    | OR | OFF | 2006/03/15<br>13:46 |